

	L #	Hits	EAST Search Text	DBs	Time Stamp	Type
1	L1	5934	magnetic ADJ transducer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 20:45	BRS
2	L2	11683 8	magnetic ADJ head	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 20:45	BRS
3	L3	46843	magnetoresistiv\$3 OR magnetosensitiv\$3 OR (magneto OR magnetic\$4 OR electro OR electric\$4) ADJ (resistiv\$3 OR sensitiv\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 20:48	BRS
4	L4	218	L1 SAME L2 SAME L3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 20:48	BRS
5	L5	25	L4 SAME (semiconductor OR wafer OR substrate OR chip)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 21:03	BRS
6	L6	1	5655475.URPN.	USPAT	2004/06/23 20:54	BRS
7	L7	2	5579717.URPN.	USPAT	2004/06/23 20:54	BRS
8	L8	6	6196897.URPN.	USPAT	2004/06/23 20:55	BRS
9	L9	10	5531017.URPN.	USPAT	2004/06/23 20:57	BRS
10	L1 0	8	L4 SAME (lap\$4 OR polish\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 21:04	BRS
11	L1 1	24	5210667.URPN.	USPAT	2004/06/23 21:05	BRS
12	L1 2	2	6347983.URPN.	USPAT	2004/06/23 21:08	BRS
13	L1 3	0	6183594.URPN.	USPAT	2004/06/23 21:10	BRS
14	L1 4	6	5559429.URPN.	USPAT	2004/06/23 21:13	BRS
15	L1 5	2	5708370.URPN.	USPAT	2004/06/23 21:14	BRS
16	L1 6	25	5463805.URPN.	USPAT	2004/06/23 21:15	BRS
17	L1 7	40	5065483.URPN.	USPAT	2004/06/23 21:18	BRS
18	L1 8	13	5632669.URPN.	USPAT	2004/06/23 21:23	BRS

09/592 291

BEST AVAILABLE COPY

	1	Document ID	Source	Issue Date	Title	Current OR	Inventor	2	5
1	<input checked="" type="checkbox"/>	US 6684171 B2	USPAT	20040127	In-situ stripe height calibration of magneto	702/104	Church, Mark A. et al.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>	US 6680815 B2	USPAT	20040120	Thin film magnetic head and method of manufacturing the same	360/126	Sasaki, Yoshitaka	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	<input type="checkbox"/>	US 6646829 B2	USPAT	20031111	Slider materials	360/126	Sasaki, Yoshitaka et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	US 6623336 B2	USPAT	20030923	Magnetic head polishing device and method thereof	451/41	Shindou, Hiroshi et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	<input checked="" type="checkbox"/>	US 6623330 B2	USPAT	20030923	Lapping sensor used in fabrication of magnetic head with magnetoresistive effect element and lapping control method using the sensor	451/5	Fukuroi, Osamu	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	<input type="checkbox"/>	US 6565414 B2	USPAT	20030520	Polishing apparatus for magnetic head and method therefor	451/5	Abe, Tetsuo et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	<input type="checkbox"/>	US 6557241 B1	USPAT	20030506	Method of manufacturing combination type thin film magnetic head and wafer for use therefor	29/603.12	Sasaki, Yoshitaka	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	US 6545848 B1	USPAT	20030408	Magnetic transducer, thin film magnetic head and method of manufacturing the	360/324.12	Terunuma, Koichi	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	<input checked="" type="checkbox"/>	US 6532646 B2	USPAT	20030318	Method of manufacturing magnetic head	29/603.12	Watanuki, Motoichi	<input type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	US 6513229 B1	USPAT	20030204	Method of manufacturing slider materials, method of manufacturing sliders, and slider materials	29/603.19	Sasaki, Yoshitaka et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	<input type="checkbox"/>	US 6507459 B1	USPAT	20030114	Head slider suspension, head assembly, and information recording and reproducing apparatus with improved wiring pattern	360/245.9	Kamigama, Takehiro	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	<input type="checkbox"/>	US 6445537 B1	USPAT	20020903	Protective film for minimization of shield and pole tip recession in thin film shielded read heads and write heads	360/126	Cates, James C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	<input checked="" type="checkbox"/>	US 6370763 B1	USPAT	20020416	Manufacturing method for magnetic heads	29/603.09	Watanuki, Motoichi et al.	<input type="checkbox"/>	<input type="checkbox"/>
14	<input type="checkbox"/>	US 6364743 B1	USPAT	20020402	Composite lapping monitor resistor	451/5	Pust, Ladislav Rudolf et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	<input checked="" type="checkbox"/>	US 6347983 B1	USPAT	20020219	ELG for both MRE sensor height and resistance monitoring	451/57	Hao, Shanlin et al.	<input type="checkbox"/>	<input type="checkbox"/>
16	<input type="checkbox"/>	US 6330488 B1	USPAT	20011211	Method for controlling machining process of workpiece	700/177	Yoshida, Tomoyuki et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	<input type="checkbox"/>	US 6325699 B1	USPAT	20011204	Lapping apparatus and lapping method	451/8	Sudo, Koji et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18	<input type="checkbox"/>	US 6230389 B1	USPAT	20010515	Method for fabricating a magnetoresistive (MR) stripe height lapping monitor with improved linearity	29/603.1	Zhu, Li-Yan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19	<input type="checkbox"/>	US 6217425 B1	USPAT	20010417	Apparatus and method for lapping magnetic heads	451/259	Shindou, Hiroshi et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20	<input type="checkbox"/>	US 6196897 B1	USPAT	20010306	Automatic lapping method and a lapping apparatus using the same	451/8	Suto, Koji et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

BEST AVAILABLE COPY

	1	Document ID	Source	Issue Date	Title	Current OR	Inventor	2	5
21	<input checked="" type="checkbox"/>	US 6193584 B1	USPAT	20010227	Apparatus and method of device stripe height control	451/5	Rudy, Steven C. et al.	<input type="checkbox"/>	<input type="checkbox"/>
22	<input checked="" type="checkbox"/>	US 6183594 B1	USPAT	20010206	Method and system for detecting the end-point in etching processes	156/345.25	Nazzal, Adel Issa	<input type="checkbox"/>	<input type="checkbox"/>
23	<input checked="" type="checkbox"/>	US 6047224 A	USPAT	20000404	Machining guide for magnetic recording	700/119	Stover, Lance E. et al.	<input type="checkbox"/>	<input type="checkbox"/>
24	<input type="checkbox"/>	US 6027397 A	USPAT	20000222	Dual element lapping guide system	451/1	Church, Mark A. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25	<input type="checkbox"/>	US 6003361 A	USPAT	19991221	System for predicting accurate MR sensor height	73/7	Amin, Nurul et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
26	<input type="checkbox"/>	US 5987725 A	USPAT	19991123	Method for parting a slider from a slider row	29/407.05	Church, Mark Anthony et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
27	<input type="checkbox"/>	US 5876264 A	USPAT	19990302	Deposition process windage calibration	451/5	Church, Mark A. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28	<input type="checkbox"/>	US 5749769 A	USPAT	19980512	Lapping process using micro-advancement for optimizing flatness of a magnetic head air bearing surface	451/5	Church, Mark A. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29	<input type="checkbox"/>	US 5742995 A	USPAT	19980428	Method to predict an accurate MR sensor dimension when viewed	29/603.1	Amin, Nurul et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30	<input type="checkbox"/>	US 5722155 A	USPAT	19980303	Machining guide method for magnetic recording reproduce heads	29/603.1	Stover, Lance E. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31	<input checked="" type="checkbox"/>	US 5708370 A	USPAT	19980113	Depth sensor which detects grinding depth by means of change and resistance of resistor also ground during grinding	324/699	Shibata, Takuji et al.	<input type="checkbox"/>	<input type="checkbox"/>
32	<input type="checkbox"/>	US 5655475 A	USPAT	19970812	Method of grinding thin-film magnetic heads using optical grinding markers	116/201	Crandell, Douglas Warren et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
33	<input checked="" type="checkbox"/>	US 5632669 A	USPAT	19970527	Interactive method for lapping transducers	451/54	Azarian, Michael H. et	<input type="checkbox"/>	<input type="checkbox"/>
34	<input type="checkbox"/>	US 5579717 A	USPAT	19961203	Method of grinding thin-film magnetic heads using optical grinding markers	116/208	Crandell, Douglas W. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35	<input checked="" type="checkbox"/>	US 5559429 A	USPAT	19960924	MR head lap monitor resistors	324/71.5	Mowry, Gregory S. et	<input type="checkbox"/>	<input type="checkbox"/>
36	<input checked="" type="checkbox"/>	US 5531017 A	USPAT	19960702	Thin film magnetic head fabrication method	29/603.12	Church, Mark A. et al.	<input type="checkbox"/>	<input type="checkbox"/>
37	<input checked="" type="checkbox"/>	US 5463805 A	USPAT	19951107	Method of lapping MR. sensors	29/603.09	Mowry, Gregory S. et	<input type="checkbox"/>	<input type="checkbox"/>
38	<input checked="" type="checkbox"/>	US 5210667 A	USPAT	19930511	Magnetic recording heads employing multiple lapping guides	360/316	Zammit, Robert P.	<input type="checkbox"/>	<input type="checkbox"/>
39	<input checked="" type="checkbox"/>	US 5065483 A	USPAT	19911119	Method of lapping magnetic recording heads	29/603.09	Zammit, Robert P.	<input type="checkbox"/>	<input type="checkbox"/>
40	<input type="checkbox"/>	US 20010000303 A1	US-PG PUB	20010419	Thin film magnetic head and method of manufacturing the same	360/313	Sasaki, Yoshitaka	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

BEST AVAILABLE COPY